



Complete Summary

TITLE

Major depression in adults in primary care: percentage of patients with diabetes with documentation of screening for depression.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Major depression in adults in primary care. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2006 May. 81 p. [201 references]

Measure Domain

PRIMARY MEASURE DOMAIN

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

SECONDARY MEASURE DOMAIN

Does not apply to this measure

Brief Abstract

DESCRIPTION

This measure is used to assess the percentage of patients with diabetes with documentation in the medical record of screening for depression.

RATIONALE

The priority aim addressed by this measure is to increase the assessment for major depression of primary care patients presenting with any additional chronic condition such as diabetes.

PRIMARY CLINICAL COMPONENT

Major depression; screening; diabetes

DENOMINATOR DESCRIPTION

Number of patients greater than 18 years with a diagnosis of diabetes during the target quarter

NUMERATOR DESCRIPTION

Number of patients with documentation in the medical record of screening for depression (see the related "Numerator Inclusions/Exclusions" field in the Complete summary)

Evidence Supporting the Measure

EVIDENCE SUPPORTING THE CRITERION OF QUALITY

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Major depression in adults in primary care.](#)

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Unspecified

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

Internal quality improvement

Application of Measure in its Current Use

CARE SETTING

Physician Group Practices/Clinics

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

TARGET POPULATION AGE

Age greater than 18 years

TARGET POPULATION GENDER

Either male or female

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component

INCIDENCE/PREVALENCE

Depression is common, with a lifetime risk for major depressive disorder of 7% to 12% for men and 20% to 25% for women.

EVIDENCE FOR INCIDENCE/PREVALENCE

Institute for Clinical Systems Improvement (ICSI). Major depression in adults in primary care. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2006 May. 81 p. [201 references]

ASSOCIATION WITH VULNERABLE POPULATIONS

- Women (see "Incidence/Prevalence" field)
- Depression in the elderly is widespread, often undiagnosed and usually untreated. Depression in adults older than 65 years of age ranges from 7 to 36 percent in medical outpatient clinics and increases to 40 percent in the hospitalized elderly.

EVIDENCE FOR ASSOCIATION WITH VULNERABLE POPULATIONS

Institute for Clinical Systems Improvement (ICSI). Major depression in adults in primary care. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2006 May. 81 p. [201 references]

BURDEN OF ILLNESS

- The estimate of the lifetime prevalence of suicide in patients ever hospitalized for suicidality is 8.6%. The lifetime risk is 4% for affective disorder patients hospitalized without specification of suicidality.
- The lifetime rate of suicide attempts is 7% in uncomplicated (no other psychiatric diagnosis) panic disorder and 7.9% in major depression. 19.8% of patients with comorbid panic disorder and major depression have attempted suicide.

- Persons with major depression have a 4.8 times greater risk for work disability than asymptomatic individuals and report significantly poorer intimate relationships and less satisfying social interactions.
- Major depression is associated with an increased risk of developing coronary artery disease, and has also been shown to increase the risk of mortality in patients after myocardial infarction by as much as four-fold.

EVIDENCE FOR BURDEN OF ILLNESS

Institute for Clinical Systems Improvement (ICSI). Major depression in adults in primary care. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2006 May. 81 p. [201 references]

UTILIZATION

Unspecified

COSTS

Unspecified

Institute of Medicine National Healthcare Quality Report Categories

IOM CARE NEED

Staying Healthy

IOM DOMAIN

Effectiveness

Data Collection for the Measure

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

Adults greater than 18 years with a diagnosis of diabetes.

The medical group will develop a method to identify patients who meet the inclusion criteria for this measure. This screening should only be done in systems where appropriate treatment systems are in place, as screening alone has not been shown to be helpful. Claims, encounter data, scheduling information, or list of diagnosis codes from other automated sources may be used to produce the list. From this list, a random sample of a maximum of 20 patients with diabetes seen in the target quarter will be selected for review. A medical record review will be used to determine if the screening occurred at the time the visit.

It is suggested that data are collected quarterly.

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of patients greater than 18 years with a diagnosis of diabetes during the target quarter

Exclusions

Unspecified

RELATIONSHIP OF DENOMINATOR TO NUMERATOR

All cases in the denominator are equally eligible to appear in the numerator

DENOMINATOR (INDEX) EVENT

Clinical Condition

DENOMINATOR TIME WINDOW

Time window is a single point in time

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of patients with documentation in the medical record of screening for depression*

*Number of patient records containing documented evidence of screening for depression at the time the diagnosis was made using the key interview questions** recommended in the guideline (see below and see the National Guideline Clearinghouse [NGC] summary of the Institute for Clinical Systems Improvement [ICSI] guideline [Major Depression in Adults in Primary Care](#)).

**Was there an interview for key symptoms of major depression?

The two-question screen:

Over the past month, have you been bothered by:

- Little interest or pleasure in doing things?
- Feeling down, depressed, or hopeless?

Exclusions

Unspecified

MEASURE RESULTS UNDER CONTROL OF HEALTH CARE PROFESSIONALS, ORGANIZATIONS AND/OR POLICYMAKERS

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

NUMERATOR TIME WINDOW

Encounter or point in time

DATA SOURCE

Administrative data
Medical record

LEVEL OF DETERMINATION OF QUALITY

Individual Case

PRE-EXISTING INSTRUMENT USED

Unspecified

Computation of the Measure

SCORING

Rate

INTERPRETATION OF SCORE

Better quality is associated with a higher score

ALLOWANCE FOR PATIENT FACTORS

Unspecified

STANDARD OF COMPARISON

Internal time comparison

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

Identifying Information

ORIGINAL TITLE

Percentage of patients with diabetes with documentation of screening for depression.

MEASURE COLLECTION

[Major Depression in Adults in Primary Care Measures](#)

DEVELOPER

Institute for Clinical Systems Improvement

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2004 May

REVISION DATE

2006 May

MEASURE STATUS

This is the current release of the measure.

This measure updates a previous version: Institute for Clinical Systems Improvement (ICSI). Major depression in adults in primary care. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 May. 78 p.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Major depression in adults in primary care. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2006 May. 81 p. [201 references]

MEASURE AVAILABILITY

The individual measure, "Percentage of patients with diabetes with documentation of screening for depression," is published in "Health Care Guideline: Major Depression in Adults in Primary Care." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: www.icsi.org; e-mail: icsi.info@icsi.org.

NQMC STATUS

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